

**METHOD AND APPARATUS FOR DETECTING THE
STRAIN LEVELS IMPOSED ON A CIRCUIT BOARD**

ABSTRACT OF THE DISCLOSURE

A device for detecting strain levels imposed on a circuit board includes an apparatus mounted on the circuit board, an amplifier for detecting a change in the impedance of the apparatus and generating an output signal representing the change in the impedance of the apparatus, and a signal conditioner for receiving the output signal and setting the gain of the amplifier.